

CLAIMS

1. An information delivery system comprising:

a database for storing information;

5 an information delivery device for obtaining information to be delivered from said database to deliver said information to a specified destination to be delivered in response to a request;

10 a mobile communication terminal served by a mobile communication network which is connected to said information delivery device, for requesting said information delivery device to deliver said information via said mobile communication network; and

15 an information receiving terminal for receiving said information delivered from said information delivery device based on the request from said mobile communication terminal.

2. An information delivery system as defined in claim 1, wherein said mobile communication terminal comprising:

20 receiving means for receiving said information delivered from said information delivery device; and

means for specifying either said mobile communication terminal or said information receiving terminal as a destination to which said information is to be delivered;

25 and wherein said information delivery device delivers said information to the destination specified by said mobile communication terminal.

3. An information delivery system as defined in claim 1, wherein said mobile communication terminal comprising:

receiving means for receiving said information delivered from said information delivery device; and

5 means for monitoring the residual amount of one's own memory available for storing said received information and informing said information delivery device of the value of the residual amount of the memory;

and wherein said information delivery device comprises
10 means for comparing the informed residual amount of the memory of said mobile communication terminal with the amount of information intended to be delivered and determining, based on the result of such comparison, a destination to which said information is to be delivered.

15 4. An information delivery system comprising:

a database for storing first information with a high frequency of request and second information with a lower frequency of request as compared with said first information;

20 a broadcast station for obtaining said first information from said database to deliver the first information by utilizing broadcast waves;

an information delivery device for obtaining said second information from said database to deliver the second
25 information in response to a request;

a mobile communication terminal served by a mobile communication network which is connected to said information delivery device, for requesting said information delivery

device to deliver said information via said mobile communication network; and

an information receiving terminal including first receiving means for receiving said information broadcast from said broadcast station and second receiving means for receiving said information delivered from said information delivery device, said information receiving terminal receiving said first information by said first receiving means when said mobile communication terminal requests to deliver said first information, while said information receiving terminal receiving said second information by said second receiving means when said mobile communication terminal requests to deliver said second information.

5. An information delivery system comprising:

a database for storing first information with a high frequency of request, second information with a lower frequency of request as compared with said first information and decrypting keys for decrypting said first information and said second information;

a broadcast station for obtaining said first information from said database to deliver the first information by utilizing broadcast waves;

an information delivery device for obtaining said second information and said decrypting keys from said database to deliver said second information and said decrypting keys in response to a request;

a mobile communication terminal served by a mobile

communication network which is connected to said information delivery device, for requesting said information delivery device to deliver said information via said mobile communication network; and

5 an information receiving terminal including first receiving means for receiving information broadcast from said broadcast station and second receiving means for receiving information delivered from said information delivery device, said information receiving terminal receiving, when said mobile communication terminal requests to deliver said first information, said first information by said first receiving means and the decrypting keys for said first information by said second receiving means, while said information receiving terminal receiving, when said mobile communication terminal requests to deliver said second information, said second information and the decrypting keys therefor by said second receiving means.

6. An information delivery system as defined in claim 5,
20 wherein said mobile communication terminal comprising:

 first receiving means for receiving information broadcast from said broadcast station;

 second receiving means for receiving information delivered from said information delivery device, and

25 means for specifying either said mobile communication terminal or said information receiving terminal as a destination to which said information is to be delivered;

 and wherein said information delivery device transmits

said first information when said mobile communication terminal requests to deliver said first information, while said information delivery device transmits said second information and said decrypting keys therefor when said mobile
5 communication terminal requests to deliver said second information;

10 said mobile communication terminal and said information receiving terminal receive, when said mobile communication terminal requests to deliver said first information, said first information by said first receiving means and the decrypting keys for said first information by said second receiving means, while said mobile communication terminal and said information receiving terminal receives, when said mobile communication terminal requests to deliver said second information, said
15 second information and the decrypting keys therefor by said second receiving means.

7. An information delivery system as defined in claim 6, wherein said database further stores guide information for
20 guiding said first information;

said broadcast station obtains said guide information together with said first information and broadcasts said first information and said guide information by utilizing broadcast channels different from each other; and

25 said first receiving means of said mobile communication terminal includes a receiving channel for receiving said first information and another receiving channel for receiving said guide information.

8. An information delivery system as defined in claim 7, wherein said guide information includes identification information for identifying said first information; and

5 said mobile communication terminal requests to deliver said first information by transmitting said identification information to said information delivery device, said identification information being received together with said guide information by said first receiving means.

10 9. An information delivery system as defined in claim 5, further comprising means for counting the number of request for delivery operations for each information to be delivered and differentiating between said first information and said second
15 information.

20 10. An information delivery system as defined in any one of claims 1 to 9, wherein said information to be delivered is music information for reproducing music performance.

25 11. A mobile communication terminal comprising:

 requesting means for requesting an information delivery device to delivery information, said device being connected to a mobile communication network;

 receiving means for receiving said information delivered from said information delivery device; and

 means for specifying, to said information delivery device, either said mobile communication terminal or another

information receiving terminal capable of receiving said information as a destination to which said information is to be delivered.

5 12. A mobile communication terminal comprising:

requesting means for requesting an information delivery device to deliver information, said device being connected to a mobile communication network;

10 first receiving means for receiving first information broadcast from said broadcast station;

second receiving means for receiving second information delivered from said information delivery device; and

15 means for specifying, to said information delivery device, either said mobile communication terminal or another information receiving terminal capable of receiving said first and second information as a destination to which said information is to be delivered.

20 13. A mobile communication terminal as defined in claim 12, wherein said second receiving means receives said second information and also decrypting keys for decrypting said first information and said second information.

25 14. A mobile communication terminal as defined in any one of claims 11 to 13, further comprising radio wireless data communication means served by a portable telephone network, for making a wireless data communication via said network, and wherein said information delivering request from said

requesting means is made by utilizing the wireless data communication via said portable telephone network.

15. A method of delivering information stored in a database
5 in response to a request from a mobile communication terminal served by a mobile communication network: the method comprising:

10 a step in which an information delivery device receives a delivery request information, said delivery request information being transmitted from said mobile communication terminal and including specifying information for specifying a terminal to which information is to be delivered, and said information delivery device being connected to said mobile communication network via said mobile communication network;
15 and

20 a step of, when said delivery request information transmitted from said mobile communication terminal is received by said information delivery device, obtaining said information to be delivered from said database and transmitting the obtained information from said information delivery device to said terminal to which such information is to be delivered, said terminal being specified by said specifying information included in said delivery request information.

25 16. A method of delivering first information with a high frequency of request and second information with a lower frequency of request as compared with said first information stored in a database, in response to a request from a mobile

communication terminal served by a mobile communication network: the method comprising:

a step in which an information delivery device receives a delivery request information, said delivery request information being transmitted from said mobile communication terminal and including specifying information for specifying a terminal to which information is to be delivered, and said information delivery device being connected to said mobile communication network via said mobile communication network;

and

a step of, when said delivery request information transmitted from said mobile communication terminal for requesting to deliver said first information is received by said information delivery device, obtaining said first information to be delivered from said database and transmitting the first information from a broadcast station by utilizing broadcast waves, while when said delivery request information transmitted from said mobile communication terminal for requesting to deliver said second information is received by said information delivery device, obtaining said second information to be delivered from said database and transmitting the second information from said information delivery device to said terminal to which such information is to be delivered, said terminal being specified by said specifying information included in said delivery request information.

17. A method of delivering first information with a high frequency of request and second information with a lower

frequency of request as compared with said first information stored in a database, in response to a request from a mobile communication terminal served by a mobile communication network: the method comprising:

5 a step in which an information delivery device receives a delivery request information, said delivery request information being transmitted from said mobile communication terminal and including specifying information for specifying a terminal to which information is to be delivered, and said
10 information delivery device being connected to said mobile communication network via said mobile communication network;
and

a step of, when said delivery request information transmitted from said mobile communication terminal for
15 requesting to deliver said first information is received by said information delivery device, obtaining said first information to be delivered from said database and transmitting the first information from a broadcast station by utilizing broadcast waves, encrypting said obtained first information to deliver
20 them from a broadcast station by utilizing broadcast waves, and transmitting decrypting keys for decrypting said encrypted first information from said information delivery device to said terminal to which said information is to be delivered, said terminal being specified by said specifying information
25 included in said delivery request information, while when said delivery request information transmitted from said mobile communication terminal for requesting to deliver said second information is received by said information delivery device,

obtaining said second information to be delivered from said database, encrypting said obtained second information and transmitting them together with a decrypting key for decoding said encrypted second information from said information delivery device to said terminal to which said information is to be delivered, said terminal being specified by said specifying information included in said delivery request information.